



# 1998 Toxics Release Inventory

# MISSISSIPPI

## Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	59,222,142	11,341,302	70,563,444
Air Emissions	35,436,941	9,308,024	44,744,965
Surface Water Discharges	11,383,390	4,748	11,388,138
Underground Injection Class I Wells	6,892,506	0	6,892,506
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	6,703	0	6,703
Other On-site Land Releases	5,502,602	2,028,530	7,531,132
Off-site Releases (Transfers Off-site to Disposal) *	1,187,049	751	1,187,800
<b>Total On- and Off-site Releases</b>	<b>60,409,191</b>	<b>11,342,053</b>	<b>71,751,244</b>
Recycled On-site	218,143,589	0	218,143,589
Recycled Off-site	17,567,013	78,964	17,645,977
Energy Recovery On-site	26,001,891	0	26,001,891
Energy Recovery Off-site	5,817,512	111,993	5,929,505
Treated On-site	159,925,362	0	159,925,362
Treated Off-site**	2,051,241	188,094	2,239,335
Quantity Released On- and Off-site***	69,192,130	11,340,836	80,532,966
<b>Total Production-related Waste Managed</b>	<b>498,698,738</b>	<b>11,719,887</b>	<b>510,418,625</b>
<b>Total Non-production-related Waste Managed</b>	<b>447,356</b>	<b>4</b>	<b>447,360</b>

## Transfers Off-site for Further Waste Management/Disposal

Recycling	17,146,876	78,964	17,225,840
Energy Recovery	5,840,253	111,993	5,952,246
Treatment	1,386,203	188,094	1,574,297
Publicly Owned Treatment Works (POTWs)	583,904	0	583,904
Metals and Metal Compounds*	8,291	0	8,291
Non-metal TRI Chemicals**	575,613	0	575,613
Other Off-site Transfers****	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	1,290,269	751	1,291,020
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>26,247,505</b>	<b>379,802</b>	<b>26,627,307</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\*Transfers reported without a valid waste management code.

## For More Information . . .

### State Contact:

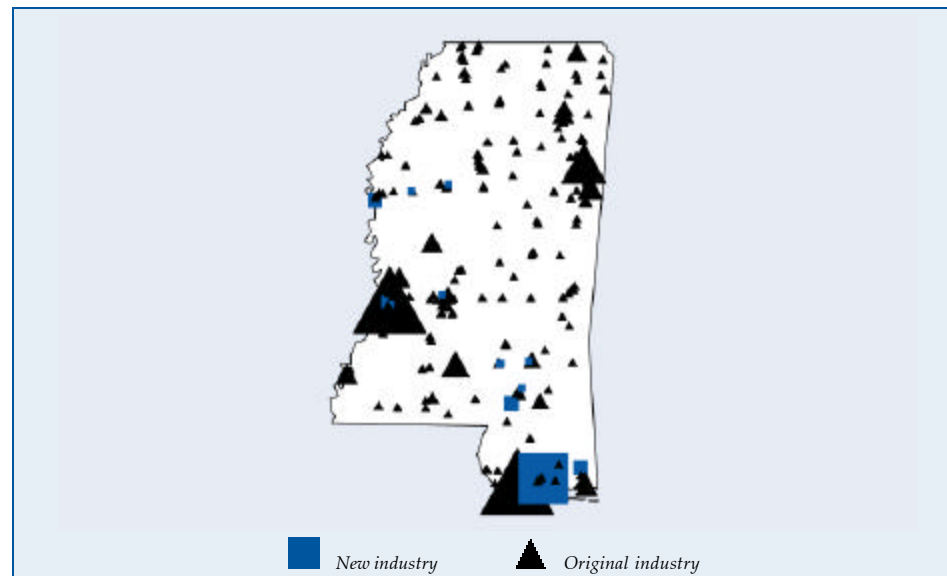
John David Burns  
(601) 961-5005  
Fax: (601) 961-5660

### EPA Regional Contact:

Ezequiel Velez  
(404) 562-9191  
Fax: (404) 562-9163

### To obtain TRI data use assistance, call TRI User Support Service (TRI-US):

(202) 260-1531  
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Mississippi. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

## State/TRI Data

Population	2,752,092
Square Miles	46,914
Total Facilities	342
Total Forms	1,221
Form As	220

	Original Industries	New Industries	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	13	37	25
Pounds	60,409,191	11,342,053	71,751,244
<b>National Rank for Total On-site Releases**</b>			
Rank	12	36	25
Pounds	59,222,142	11,341,302	70,563,444
<b>National Rank for Total Releases within State***</b>			
Rank	13	37	26
Pounds	60,370,437	11,366,012	71,736,449
<b>National Rank for Production-related Waste Managed</b>			
Rank	19	42	22
Pounds	498,698,738	11,719,887	510,418,625

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 1998 Toxics Release Inventory

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## On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-Site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-Site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Manganese compounds	21,766	149,046	5,700,000	4,790,438	85,645	10,746,895	7,723	85,645	0
—	Nitrate compounds	12,182	10,560,518	0	0	63,493	10,636,193	0	62,293	1,200
67-56-1	Methanol	8,112,984	129,462	0	5,036	8,425	8,255,907	0	8,425	0
7664-41-7	Ammonia	4,581,302	250,821	0	95,023	10,307	4,937,453	0	0	10,307
108-88-3	Toluene	3,684,826	6,114	310	282	14,536	3,706,068	0	12,250	2,286
75-09-2	Dichloromethane	3,355,695	0	0	0	900	3,356,595	0	0	900
78-93-3	Methyl ethyl ketone	2,674,002	1,031	8,289	5	811	2,684,138	16,855	754	57
110-54-3	n-Hexane	2,316,518	17	0	0	340	2,316,875	0	0	340
1330-20-7	Xylene (mixed isomers)	1,952,003	0	0	0	0	1,952,003	0	0	0
463-58-1	Carbonyl sulfide	1,471,340	0	0	0	0	1,471,340	0	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

## On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-Site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-Site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	6,246,437	0	0	0	0	6,246,437	0	0	0
7664-93-9	Sulfuric acid	2,566,012	0	0	0	0	2,566,012	0	0	0
—	Barium compounds	2,656	2,197	0	1,043,120	0	1,047,973	0	0	0
—	Manganese compounds	1,379	266	0	577,254	0	578,899	0	0	0
7664-39-3	Hydrogen fluoride	451,013	0	0	0	0	451,013	0	0	0
—	Zinc compounds	1,945	218	0	108,083	0	110,246	0	0	0
—	Copper compounds	411	281	0	73,741	0	74,433	0	0	0
—	Nickel compounds	558	357	0	63,638	0	64,553	0	0	0
—	Chromium compounds	502	186	0	63,713	0	64,401	2,330	0	0
7439-92-1	Lead	299	46	0	38,632	0	38,977	2,588	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.



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## On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Du Pont Delisle Plant, Pass Christian, Harrison	1,957,716	0	6,880,000	0	0	0	8,837,716	0	0
Vicksburg Chemical Co., Vicksburg, Warren	84,010	8,310,623	0	0	0	0	8,394,633	0	0
Kerr-McGee Chemical LLC, Electrolytic Plant, Hamilton, Monroe	181,824	15,902	0	0	0	4,430,000	4,627,726	0	28,000
Georgia-Pacific Corp., Monticello, Lawrence	2,065,272	258,531	0	0	0	220,902	2,544,705	0	0
Gencorp, Columbus, Lowndes	2,218,010	0	0	0	0	0	2,218,010	49,105	0
Ergon Refining Inc., Vicksburg, Warren	1,971,116	24,580	0	0	0	0	1,995,696	0	0
International Paper, Natchez Mill, Natchez, Adams	1,287,834	56,091	0	0	0	441,795	1,785,720	12,938	0
International Paper, Vicksburg Mill, Redwood, Warren	1,582,431	7,295	0	0	0	103,929	1,693,655	0	0
Chevron Prods. Co., Pascagoula Refy., Pascagoula, Jackson	1,476,478	213,271	0	0	0	1,102	1,690,851	63,620	1,356
Mississippi Chemical Corp., Yazoo City, Yazoo	686,993	1,000,015	0	0	0	0	1,687,008	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

## On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Mississippi Power Co. — Plant Watson, Gulfport, Harrison	6,266,016	4,575	0	0	0	666,934	6,937,525	0	0
R. D. Morrow Sr. Generating Plant, Purvis, Lamar	720,854	137	0	0	0	489,689	1,210,680	0	0
Entergy Gerald Andrus Plant, Greenville, Washington	1,188,019	0	0	0	0	0	1,188,019	0	0
Mississippi Power Co. — Plant Daniel, Escatawpa, Jackson	206,994	0	0	0	0	871,907	1,078,901	0	0
Entergy Baxter Wilson Generating Plant, Vicksburg, Warren	889,593	0	0	0	0	0	889,593	0	0
Amerada Hess Corp., Collins, Covington	8,864	11	0	0	0	0	8,875	0	0
Amerada Hess Corp. Purvis Terminal, Purvis, Lamar	8,078	0	0	0	0	0	8,078	0	1
Scott Petroleum Corp., Greenwood, Leflore	6,550	0	0	0	0	0	6,550	0	0
Ashland Distribution Co., Jackson, Hinds	4,543	0	0	0	0	0	4,543	0	0
Mobil Oil T&M Terminal, Collins, Covington	3,810	25	0	0	0	0	3,835	0	750

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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## Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Leaf River Forest Prods., New Augusta, Perry	0	0	0	0	45,011,060	0	9,293,930	54,304,990	0
Du Pont Delisle Plant, Pass Christian, Harrison	0	0	0	0	9,410,000	18,000	8,837,716	18,265,716	0
Vicksburg Chemical Co., Vicksburg, Warren	499,680	0	0	0	5,248,788	0	8,394,746	14,143,214	50
Kerr-McGee Chemical LLC, Electrolytic Plant, Hamilton, Monroe	276,000	28,000	0	0	2,486,000	0	4,597,300	7,387,300	0
Georgia-Pacific Corp., Monticello, Lawrence	0	0	0	0	7,604,230	0	2,544,705	10,148,935	0
Gencorp, Columbus, Lowndes	928,500	0	0	96,000	379,000	3,581	2,322,400	3,729,481	0
Ergon Refining Inc., Vicksburg, Warren	0	0	0	0	1,400	0	2,010,000	2,011,400	0
International Paper, Natchez Mill, Natchez, Adams	0	0	24,157	0	8,031,901	0	1,797,458	9,853,516	0
Chevron Prods. Co., Pascagoula Refy., Pascagoula, Jackson	0	949,400	0	1,740	5,135,030	10,351	1,714,892	7,811,413	61,852
Mississippi Chemical Corp., Yazoo City, Yazoo	14,465,277	0	0	0	0	0	1,687,005	16,152,282	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

## Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Mississippi Power Co. — Plant Watson, Gulfport, Harrison	0	0	0	0	0	0	6,937,525	6,937,525	0
R. D. Morrow Sr. Generating Plant, Purvis, Lamar	0	0	0	0	0	0	1,210,680	1,210,680	0
Entergy Gerald Andrus Plant, Greenville, Washington	0	0	0	0	0	0	1,188,019	1,188,019	2
Mississippi Power Co. — Plant Daniel, Escatawpa, Jackson	0	0	0	0	0	0	1,078,901	1,078,901	0
Entergy Baxter Wilson Generating Plant, Vicksburg, Warren	0	0	0	0	0	0	889,593	889,593	2
Amerada Hess Corp., Collins, Covington	0	0	0	0	0	0	8,875	8,875	0
Amerada Hess Corp. Purvis Terminal, Purvis, Lamar	0	2	0	0	0	4	8,079	8,085	0
Scott Petroleum Corp., Greenwood, Leflore	0	0	0	0	0	0	5,880	5,880	0
Ashland Distribution Co., Jackson, Hinds	0	0	0	60,083	0	188,090	4,607	252,780	0
Mobil Oil T&M Terminal, Collins, Covington	0	0	0	0	0	0	4,600	4,600	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.